

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q91465

Mitsuru TANIKAWA, et al.

Appln. No.: 10/559,529

Group Art Unit: 1713

Confirmation No.: 2707

Examiner: Not Yet Known

Filed: April 13, 2006

For: CURING RESIN COMPOSITION, SEALING MATERIAL FOR LIQUID CRYSTAL  
DISPLAY DEVICE AND LIQUID CRYSTAL DISPLAY DEVICE

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT**

**ATTN:** Office of Initial Patent Examination

Filing Receipt Correction

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt for the above-identified application and  
request the following correction:

Foreign Applications:

JAPAN 2003-159905 06/04/2003  
JAPAN 2003-159906 06/04/2003  
JAPAN 2003-159909 06/04/2003  
JAPAN 2003-162774 06/06/2003  
JAPAN 2003-165410 06/10/2003  
JAPAN 2003-270397 07/02/2003  
JAPAN 2003-279299 07/24/2003  
JAPAN 2003-284115 07/31/2003  
JAPAN 2003-394614 11/25/2003  
JAPAN 2003-394615 11/25/2003  
JAPAN 2003-394616 11/25/2003

Request for Corrected Official Filing Receipt  
Appln No. 10/559,529

Q91465

JAPAN 2003-394617 11/25/2003

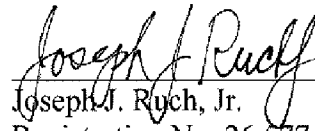
JAPAN 2003-394618 11/25/2003

JAPAN 2003-396619-11/25/2003 **2003-394619**

Verification for the requested correction is indicated on the Declaration and Power of Attorney filed May 9, 2006.

Respectfully submitted,

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

  
\_\_\_\_\_  
Joseph J. Ruch, Jr.  
Registration No. 26,577

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: January 22, 2007



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/559,529	04/13/2006	1713	3030	Q91465	2	36	9

CONFIRMATION NO. 2707

23373  
 SUGHRUE MION, PLLC  
 2100 PENNSYLVANIA AVENUE, N.W.  
 SUITE 800  
 WASHINGTON, DC 20037

## FILING RECEIPT



\*OC000000019636567\*

Date Mailed: 08/01/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Mitsuru Tanikawa, Mishima-gun, JAPAN; ✓  
 Takashi Watanabe, Mishima-gun, JAPAN; ✓  
 Yuichi Oyama, Mishima-gun, JAPAN; ✓  
 Takuya Yamamoto, Mishima-gun, JAPAN; ✓  
 Sadamu Uwagawa, Koka-gun, JAPAN; ✓

## Assignment For Published Patent Application

SEKISUI CHEMICAL CO., LTD. ✓

**Power of Attorney:** The patent practitioners associated with Customer Number 23373. ✓

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/07811 06/04/2004 ✓

## Foreign Applications

JAPAN 2003-159905 06/04/2003 ✓  
 JAPAN 2003-159906 06/04/2003 ✓  
 JAPAN 2003-159909 06/04/2003 ✓  
 JAPAN 2003-162774 06/06/2003 ✓  
 JAPAN 2003-165410 06/10/2003 ✓  
 JAPAN 2003-270397 07/02/2003 ✓  
 JAPAN 2003-279299 07/24/2003 ✓  
 JAPAN 2003-284115 07/31/2003 ✓  
 JAPAN 2003-394614 11/25/2003 ✓  
 JAPAN 2003-394615 11/25/2003 ✓

JAPAN 2003-394616 11/25/2003

JAPAN 2003-394617 11/25/2003

JAPAN 2003-394618 11/25/2003

JAPAN ~~2003-396640~~ 11/25/2003**2003-394619**

If Required, Foreign Filing License Granted: 07/15/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/559,529**

Projected Publication Date: 10/26/2006

Non-Publication Request: No

Early Publication Request: No

**Title**

Curing resin composition, sealing material for liquid crystal display device and liquid crystal display device ✓

**Preliminary Class**

525

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)**

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CURING RESIN COMPOSITION, SEALING MATERIAL FOR LIQUID CRYSTAL DISPLAY DEVICE AND LIQUID CRYSTAL DISPLAY DEVICE**

the application of which  
☐ is attached hereto

OR

☒ was filed on June 4, 2004  
as PCT International Application Number PCT/JP2004/007811  
(Confirmation No. \_\_\_\_\_), and was amended on  
\_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Application Number(s)	Country	Filing Date	Priority Claimed	
			Yes	No
2003-159905	JP	June 04, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-159906	JP	June 04, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-159909	JP	June 04, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-162774	JP	June 06, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-165410	JP	June 10, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-270397	JP	July 2, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-279299	JP	July 24, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-284115	JP	July 31, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-394614	JP	November 25, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-394615	JP	November 25, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-394616	JP	November 25, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-394617	JP	November 25, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-394618	JP	November 25, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2003-394619	JP	November 25, 2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I hereby claim benefit under 35 United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)

Filing Date

S-543/03P01965  
SK 281US

Docket No.: Q91465

I hereby claim benefit under 35 United States Code §120 of any United States application(s) or §365(e) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)

U.S. or International Filing Date

Status

I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>			
Given Name (first and middle [if any]) Mitsuru		Family Name or Surname TANIKAWA	
Inventor's Signature Mitsuru TANIKAWA		Date FEB. 22, 2006	
Residence: City Mishima-gun	State Osaka	Country JAPAN	Citizenship JAPAN
Mailing Address: c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho,			
City Mishima-gun	State Osaka	Zip 618-8589	Country JAPAN
<b>NAME OF SECOND INVENTOR:</b>			
Given Name (first and middle [if any]) Takashi		Family Name or Surname WATANABE	
Inventor's Signature Takashi WATANABE		Date FEB. 22, 2006	
Residence: City Mishima-gun	State Osaka	Country JAPAN	Citizenship JAPAN
Mailing Address: c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho,			
City Mishima-gun	State Osaka	Zip 618-8589	Country JAPAN
<b>NAME OF THIRD INVENTOR:</b>			
Given Name (first and middle [if any]) Yuichi		Family Name or Surname OYAMA	
Inventor's Signature Yuichi OYAMA		Date FEB. 22, 2006	
Residence: City Mishima-gun	State Osaka	Country JAPAN	Citizenship JAPAN
Mailing Address: c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho,			
City Mishima-gun	State Osaka	Zip 618-8589	Country JAPAN

C-543/03P01465

SK26143

Docket No.: Q91465

<b>NAME OF FOURTH INVENTOR:</b>			
Given Name (first and middle [if any]) Takuya		Family Name or Surname YAMAMOTO	
Inventor's Signature Takuya YAMAMOTO		Date FEB. 22. 2006	
Residence: City Mishima-gun	State Osaka	Country JAPAN	Citizenship JAPAN
Mailing Address: c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho,			
City Mishima-gun	State Osaka	Zip 618-8589	Country JAPAN
<b>NAME OF FIFTH INVENTOR:</b>			
Given Name (first and middle [if any]) Sadamu		Family Name or Surname UWAGAWA	
Inventor's Signature Sadamu UWAGAWA		Date FEB. 22. 2006	
Residence: City Koka-gun	State Shiga	Country JAPAN	Citizenship JAPAN
Mailing Address: c/o Sekisui Chemical Co., Ltd., 1259, Izumi, Minakuchicho,			
City Koka-gun	State Shiga	Zip 528-8585	Country JAPAN